

# PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: DÜTSCH

In re Application of:	)
MATTHIAS DÜTSCH et al.	)
Appl. No.: NOT YET KNOWN	)
Filed: Simultaneously Herewith	)
For: ICONS AND ICON REPRESENTATION OF PROCESS STEPS FOR GRAPHIC VISUALIZATION OF TASK-ORIENTED STEPS	)

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

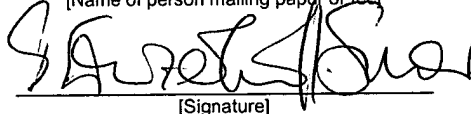
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

BARBARA ERNZERHOFF-SNOW

(Name of person mailing paper or fee)



(Signature)

S I R:

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of the Examiner to the following references A) to E). Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

	Country:	Patent or Appl. No:	Patentee or Applicant:	Issue or Filing Date:
A)	Storr, A., Hofmeister, W.: Einsatz objektorientierter ,			00-00-1994
B)	Germany	DE 690 30 318 T2	Perkin-Elmer	10-16-1997
C)	Europe	EP 1 022 648 A2	Hewlett-Packard	07-26-2000
D)	Germany	DE 33 11 246 A1	Yamazaki Mach.	10-13-1983
E)	Europe	EP 0 269 737 A1	Fanuc Ltd	06-08-1988

Copies of these references are submitted herewith along with form PTO-1449. The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

☒ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.

- ☐ This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.
- ☐ This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.
- ☐ The undersigned submits the following statement requesting consideration of this statement:  
  
The undersigned hereby states:
  - ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;
  - ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.
- ☐ The fee of \$180.00 set forth in 1.17(p).
- ☐ The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

[X] The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

In addition, applicant notes with respect to any information that is not in English language as follows:

Reference A) relates to the use of object-oriented structures for programming on NC multi-carriage lathes. Sequentially constructed part or source program are subdivided in tool carrier associated sections which are illustrated parallel on a screen by tool carrier specific editors. Part program sets (source sets) are hereby outputted in the editors under consideration of the synchronization. When process times are calculated through simulation of the process sequence, single source sets can also be illustrated in timed dependence relative to one another.

Reference B) describes an automated apparatus which is programmed to perform a process by arranging a sequence of first icons on a display in the order of the process, wherein the first icons represent functions of the apparatus, and wherein at least one of the first icons provides a visual representation of a function of the apparatus. The at least one of the first icons can be expanded to show second icons that comprise the function of said at least one of the first icons, and at least one of the second icons provides a visual representation of a subfunction of the apparatus. When the at least one of the first icons is expanded, the at least one of the first icons maintains its same sequential relationship on the display to the other of the first icons in the sequence as before it was expanded.

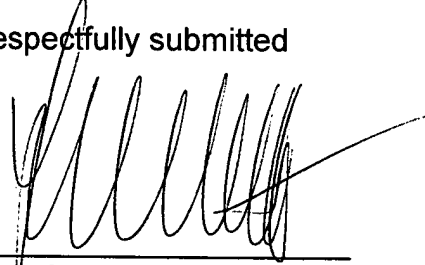
Reference D) describes a machining program memory (7) provided for storing machining programs (PRO) for the two tool rests of a quadriaxial numerical control lathe separately and independently from each other in the form of predetermined machining units. A machining time is computed for each of the predetermined machining units stored in the memory and is displayed on the display device (5) as a time chart for each tool rest. The two time charts are then compared by observing the display device in order to determine whether the operating efficiency of the two tool rests can be increased and if so the machining programs (PRO) are amended accordingly.

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

Respectfully submitted

By:

  
Henry M. Feiereisen  
Agent for Applicant  
Reg. No. 31,084

Date: February 27, 2004  
350 Fifth Avenue  
Suite 4714  
New York, N.Y. 10118  
(212) 244-5500  
HMF:WS:be

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office**INFORMATION DISCLOSURE CITATION**

<b>Attorney's Docket No.</b>  <b>DÜTSCH</b>	<b>Applicant</b>  <b>MATTHIAS DÜTSCH et al.</b>	<b>Appl. No.</b>
<b>Filing Date</b>	<b>Group</b>	<b>Examiner</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date, if appropriate

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation
	DE 690 30 318 T2	10-16-1997	Germany			no
	DE 33 11 246 A1	10-13-1983	Germany			no
	EP 1 022 648 A2	07-26-2000	Europe			yes
	EP 0 269 737 A1	06-08-1988	Europe			yes

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		Storr, A., Hofmeister, W.: Einsatz objektorientierten Strukturen zur Programmierung von NC-Mehrschlittendrehmaschinen. In: wt-Produktion und Management 84 (1994), pages 26-30

**Examiner:****Date considered:**

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.